

# Peter Maximilian Fortunato

## Contact

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## Summary

Peter is a data scientist with over three years of professional experience and is currently a member of the Strategic Routing team at Worldpay (formerly part of FIS). He is an expert in the R and SQL programming languages as well as analytical storytelling.

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## Skills

- **Languages:** R, SQL, Python
  - **Tools:** Databricks, RStudio, Quarto, Git, Snowflake, Jupyter, Streetlight, ArcGIS,
  - **Libraries:** tidyverse (ggplot2, dplyr, etc.), Shiny, RMarkdown
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## Experience

### Data Scientist I, Strategic Routing — Worldpay, Inc

*Remote / Dec 2023 – Present*

- Implements network routing product to maximize merchant cost savings on card processing fees
- Performs ad-hoc analyses simulating potential merchant savings using a “least cost routing” method

- Engineers routing table update processes by integrating various documents and requests
- Monitors product performance to match negotiated transaction volumes from network deals

## **Data Scientist, Transit & Rail Planning — Vanasse Hangen Brustlin, Inc. (VHB)**

*Washington, D.C. / Sept 2022 - Dec 2023*

- Analyzed General Transit Feed Specification (GTFS) data in conjunction with Automated Passenger Count data to program R scripts and output load factor and schedule adherence KPI for transit studies
- Developed and maintains a suite of transit planning and origin/destination traffic analysis Shiny Apps known as Data Trippers that resulted in assisting clients' decision making processes

## **Data Scientist — Ohio Kentucky Indiana Regional Council of Governments (OKI)**

*Cincinnati, Ohio / May 2021 - Aug 2022*

- Repurposed open-source R scripts to develop inaugural method evaluating roadway safety performance in the 8-county OKI region which resulted in the Excess Expected Crashes (EEC) KPI
- Presented methodology at area analytics conferences and the useR! Conference 2022 (recognized)
- Visualized of existing conditions and commodity flow using Freight Analysis Framework (FAF)

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## **Education**

### **M.S. in Business Analytics**

Miami University of Ohio, 2021

### **B.A. in International Studies**

Miami University of Ohio, 2020

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## **Projects**

- **Safety Performance Evaluation of OKI's Regional Highway Network:** As part of my work in developing a process to evaluate roadway safety while working for OKI, I organized my research into a poster presentation and submitted it to the [useR! 2022 Conference](#). The poster was recognized as one of five “best of the conference”. [View PDF Report](#)
- **Mediterranean Corridor Volunteer Work:** Supported Commissioner Josep Vicent Boira Maiques of Valencia, Spain to develop visualizations that examined existing rail infrastructures related to type of service and technical characteristics.  
[Certification Letter \(in Spanish\)](#)

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